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FM SECSTATE WASHDC
TO RUEHAM/AMEMBASSY AMMAN 0000
INFO RUEHAD/AMEMBASSY ABU DHABI 0000
RUEHEG/AMEMBASSY CAIRO 0000
RUEHFT/AMCONSUL FRANKFURT 0000
RUEHNW/DIR DTSP0 WASHINGTON DC

S E C R E T STATE 029526

NOFORN
AMMAN FOR RSO IMO AND ESO
ABU DHABI FOR ESC
CAIRO FOR RDSE
FRANKFURT FOR RIMC
DTSP0 FOR BRS/CMD/TCSC
SIPDIS

E.O. 12958: DECL: UPON CLOSURE OF U.S. EMBASSY AMMAN
TAGS: [AADP](#) [ABLD](#) [ACOA](#) [AMGT](#) [ASEC](#) [KSEO](#) [KRIM](#) [KGIT](#) [KNET](#) [KCIP](#)
SUBJECT: TEMPEST COUNTERMEASURES REQUIREMENTS - AMMAN

REF: A. 95 STATE 230596
[1](#)B. 06 STATE 13022

Classified By: M.J. STEAKLEY, DS/ST/CMP, REASON: 1.4 (C) AND (G)

[1](#)1. (S/NF) These revised TEMPEST countermeasures requirements are effective immediately. Requirements apply to the Chancery at Amman, Jordan, located at Abdoun, Al-Umawyeen Street, Amman, Jordan. Amman's threat levels at the time of this telegram are MEDIUM for Technical and MEDIUM for Human Intelligence.

[1](#)2. (S) TEMPEST requirements are determined by the Certified TEMPEST Technical Authority (CTTA) and approved by the Countermeasures Division Director. These requirements apply to all information processing systems for this facility.

[1](#)A. (S) TOP SECRET and Sensitive Compartmented Information (SCI) CLASSIFIED Automated Information System (AIS): Post is authorized to use TEMPEST Level 2 AIS equipment for processing classified national security information (NSI) at the TOP SECRET or SCI level within the Embassy core area of the controlled access area (CAA). Within a certified shielded enclosure (CSE) or equivalent that meets NSA 94-106 specifications, post is authorized to use commercial-off-the-shelf (COTS) AIS equipment.

[1](#)B. (S) SECRET (COLLATERAL) CLASSIFIED (AIS): Post is authorized to use TEMPEST Level 2 AIS equipment for processing classified NSI at the SECRET level within restricted and core areas of the CAA. Post is authorized to use COTS AIS equipment within a certified shielded enclosure (CSE) or equivalent that meets NSA 94-106 specifications.

NOTE: Post currently has COTS equipment installed for classified processing at the SECRET level outside of a CSE. This equipment must be replaced with TEMPEST Level 2 or TEMPEST Level 1 compliant AIS within 24 months of the date of this telegram. Effective immediately, all new procurements must be for TEMPEST Level 2 or TEMPEST Level 1 compliant equipment.

[1](#)C. (S) SENSITIVE BUT UNCLASSIFIED AIS: Use of COTS AIS for processing unclassified and sensitive but unclassified (SBU) within the Embassy restricted and core area of the CAA is approved. Unclassified and multimedia-equipped unclassified processing equipment to be used within a CAA must be purchased, shipped, stored, installed, maintained and repaired in accordance with 12 FAH-6 H-542, and may not be located inside a CSE.

13. (S) Secure video-teleconferencing and data collaboration (SVDC) system installation and operation was previously authorized in REFTEL (B). As a result of the TEMPEST requirements change announced in this telegram, the current SVDC equipment must either be replaced with TEMPEST Level 1 compliant equipment or the existing SVDC COTS equipment must be relocated and installed inside a CSE. Request that Post, SRSO notify DS/CMP/ECB within 60 days of this telegram whether SVDC equipment will remain in its current location and be upgraded to TEMPEST Level 1 or if the existing SVDC COTS equipment will be moved inside a CSE. Should Post decide to move the existing SVDC COTS equipment to a different location inside a CSE, a new SVDC check list must be prepared and submitted, and a new authorization telegram will be issued by DS/ST/CMP to formalize the decision.

14. (S) All Classified Automated Information System (CAIS) equipment, components and peripherals must be secured in accordance with Overseas Security Policy Board (OSPB) requirements for classified discussion, processing and/or storage overseas. Thin clients with embedded flash memory, at facilities with 24-hour cleared American presence, are permitted to remain unsecured within the CAA as long as the equipment is rebooted prior to vacating the premises.

15. (S) Fiber optic cabling is required for classified connectivity. Fiber optic cabling is also required for unclassified (SBU) connectivity for any information technology equipment located within a CSE. Equipment used to process classified information outside a CSE must be installed, to the maximum extent possible, in accordance with Recommendation E of NSTISSAM TEMPEST/2-95A with the following additional requirements:

- Be located a minimum of one meter (three feet spherical) from other computer and electronic equipment used for unclassified information processing.
- Be located a minimum of one meter (three feet spherical) from telephones, modems, facsimile machines, and unshielded telephone or signal lines that do not leave USG-controlled property (for example, phone lines that go to the post phone switch).
- Be located a minimum of two meters (six feet spherical) from telephones, modems, facsimile machines, and unshielded telephone or signal lines that transit USG-controlled property (for example, direct phone lines that do not go through the post telephone switch, telephone switch lines going out, any wire going to antennas on the roof, etc).
- Be located a minimum of 3 meters (ten feet spherical) from active radio transmitters (two-way radios, high frequency transceivers, satellite transceivers, cellular devices, Wi-Fi devices, Bluetooth, etc.) and must not use the same AC power circuit as active radio transmitters (to include cell phone chargers).
- Be located a minimum of three meters (ten feet spherical) from cable television antenna feeds and any Warren switch with the switch on. This distance can be reduced to one meter if the Warren switch is off when processing classified.
- Be located to have no physical contact with any other office equipment or cabling.

16. (S) Classified conversations up to SECRET may be conducted in the CAA offices or vaults in accordance with 12 FAH-6 H-311.10-4. Classified conversations above the SECRET level are restricted to relevant core areas.

17. (U) All requirements apply to all agencies under Chief of Mission authority, and pertain to the Chancery building only. Tenant agencies may employ additional TEMPEST countermeasures within their respective offices.

¶8. (U) For further information or clarification regarding 12 FAH-6 H-540 Automated Information Systems Standards, please contact DS/CS/ETPA. For other TEMPEST-related issues, please contact Department CTTA at DSCTTA@state.sgov.gov.

¶9. (U) In accordance with 12 FAH-6 H-533.2, Post must verify that these TEMPEST countermeasures have been implemented; DS/ST/CMP requests Post report so in an updated Technical Security Assessment (TSA). All proposed change requests to a CAA countermeasures environment must be sent to the Department, identified for DS/ST/CMP action.

¶10. (U) This telegram should be retained by Post until superseding requirements are received.
CLINTON